In the Claims:

Please amend the claims to read as indicated in the following list of claims:

1. [Currently amended] A fusible resistor, comprising:

a resistor body;

a fusible element layer, which surrounds the resistor body and is fusible when a current over a predetermined current value is applied to the resistor body, the fusible element layer comprising a material having a temperature coefficient of over 2,000 ppm/°C and a resistivity of $1x10^{-8}$ to $50x10^{-8}\Omega \cdot m$ (ohm/meter);

caps, which surround ends of the fusible element layer;

lead wires, which are attached to the caps; and

an insulating layer for insulating the fusible element layer and the caps.

2. [Original] The fusible resistor of Claim 1, wherein the fusible element layer further comprises at least copper.

3. Cancelled.

4. [Original] The fusible resistor of Claim 1, further comprising an anti-oxidation layer, which surrounds the fusible element layer.

5. [Original] The fusible resistor of Claim 4, wherein the anti-oxidation layer further comprises at least a silver paste.

6. [Previously presented] The fusible resistor of Claim 1, further comprising a conductive layer, which is formed between the resistor body and the fusible element layer and made of a conductive material.

7. [Currently amended] The fusible resistor of Claim [[4]] 6, wherein the conductive layer further comprises at least nickel and chrome.

8. [Currently amended] The fusible resistor of Claim 6, further comprising a groove, which is formed through the fusible element layer, ~~the~~ an anti-oxidation layer associated with the fusible element layer, and the conductive layer to reach the resistor body.

9. [Original] The fusible resistor of Claim 8, wherein the groove is in the form of a spiral along a circumference of the fusible resistor.

10. [Currently amended] A method of fabricating a fusible resistor, comprising the steps of:

preparing a resistor body;

forming a fusible element layer, which surrounds the resistor body and is fusible when a current over a predetermined current value is applied to the resistor body, the fusible element comprising a material having a temperature coefficient of over 2,000 ppm/°C and a resistivity of $1x10^{-8}$ to $50x10^{-8}\Omega \cdot m$ (ohm/meter);

forming caps, which surround ends of the fusible element layer;

forming lead wires, which are attached to the caps; and

forming an insulating layer for insulating the fusible element layer and the caps.

11. [Original] The method of Claim 10, wherein the fusible element layer further comprises at least copper.

12. Cancelled.

13. [Original] The method of Claim 10, further comprising a step of forming an anti-oxidation layer, which surrounds the fusible element layer.

14. [Original] The method of Claim 13, wherein the anti-oxidation layer further comprises at least a silver paste.

15. [Previously presented] The method of Claim 10, further comprising a step of forming a conductive layer, which is formed between the resistor body and the fusible element layer and made of a conductive material.

16. [Original] The method of Claim 15, wherein the conductive layer further comprises at least nickel and chrome.

17. [Currently amended] The method of Claim 15, further comprising a step of forming a groove, which is formed through the fusible element layer, ~~the~~ an anti-oxidation layer associated with the fusible element layer, and the conductive layer to reach the resistor body.

18. [Original] The method of Claim 17, wherein the groove is in the form of a spiral along a circumference of the fusible resistor.

19. [Previously presented] The fusible resistor of Claim 4, further comprising a conductive layer, which is formed between the resistor body and the fusible element layer and made of a conductive material.

20. [Currently amended] The method of Claim 13, further comprising a step of: forming a conductive layer, which is formed between the resistor body and the fusible element layer and made of a conductive material.